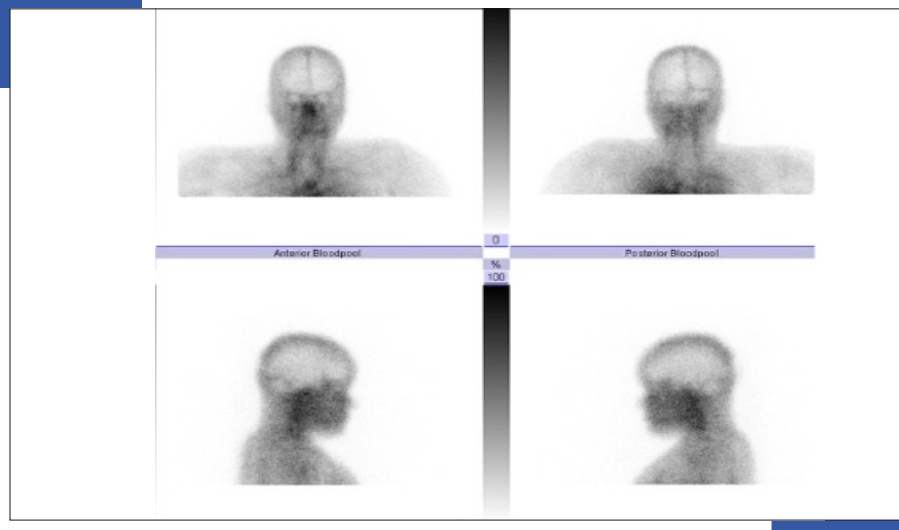




Understanding Bone Three-Phase Scan

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What is a Bone Three-Phase Scan?

This scan is a nuclear medicine scan that measures blood flow, blood pooling, and bone activity. It requires a small amount of radioactive dye to be injected into the body. During this scan, the body is scanned by a gamma camera, which assesses the distribution of tracer in the bones and tissues.

Why is it Performed?

This scan is used to assess abnormalities present in the bones, infection, broken bones, and other medical conditions, and gives details on the activity in blood and bones. Symptoms, medical history, clinical examination, and other investigations are used to interpret patient findings.

Preparation

- Inform the medical team if you are pregnant or breastfeeding.
- Share details of current medicines and medical conditions.
- Carry previous imaging and laboratory reports.
- Follow specific food, water, and medication instructions.
- Follow additional instructions given by the medical team.

Procedure

During this scan, a radioactive tracer is injected into the body, and then images are captured during the blood-flow and blood-pool phases. The patient must stay still during the imaging procedure, and the total time taken for the entire procedure depends on the protocol.

Important Instructions

- Follow all instructions provided by the nuclear medicine team.
- Remain still and relaxed during image acquisition.
- Inform staff if you feel uncomfortable.
- Take medicines only as instructed.
- Follow recommended post-scan instructions.
- Drink fluids after the scan if advised and not medically restricted.

Safety Precautions

This scan uses a controlled amount of radioactive substances safely under an experienced medical team. At Molecular Diagnostics and Therapy, appropriate safety measures are taken as required by the patient's clinical requirements. Inform the medical staff of any information about pregnancy, breastfeeding, medicines, allergies, or relevant medical conditions of the patient.

When to Seek Medical Attention?

Inform the healthcare provider if the patient has any unusual symptoms after the scan. Ask about preparation, medications, fluids, or post-scan care with the medical team. At Molecular Diagnostics and Therapy, this scan is carried out in keeping with appropriate nuclear medicine guidelines, with the best care of the patient.